



Micronizing

MC Jetmill® 300

- Hundreds of installations worldwide
- The most advanced micronizers on the market
- Effective with more products than any other available today
- Highly efficient single pass processing
- Working with 1000s of compounds
- Including sticky and abrasive products
- Scalable product range
- Accurate reproduction from development to production

MC Jetmill® 300



The MC300 is the third step up from the MC 50 laboratory unit, suitable for micronizing up to 200 kg/hr.

Technical features

- **High grade materials** – AISI type 316L stainless steel mirror polished to Ra 0.25 microns or Hastelloy
- **Rapid cleaning and easy validation** – Ease and quickness in assembling and disassembling, as well as a limited number of components
- **The simplicity of the whole unit** – Total absence of screws (replaced by tri-clover connections), no crevices, smooth and regular surfaces

Very low production loss

- Typical yields are 99.5% of batch size. virtual removal of the blow back phenomenon. Limited caking of sticky powders
- A single collecting point – (dimensional homogeneity)

Further advantages

- The lowest consumption of process gas of similarly sized units available on the market
- Process at constant temperature (endothermic)
- No heat generation
- Easy scale up maintaining the same PSD (Particle size distribution).

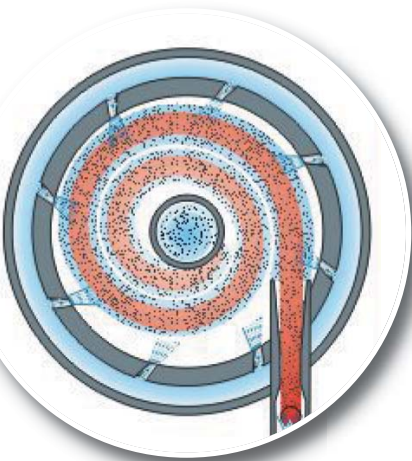
Options:

- Volumetric or Gravimetric pharma execution feeder, with various hopper dimensions available.
- Special internal lining: PTFE, PUR (Volkollan), Ceramic, titanium Nitride.
- Sanitary rotary valve for production collection.
- CIP and SIP systems.
- Explosion proof systems (10 bars pressure resistant or burst disk).
- System fully automated by PLC.

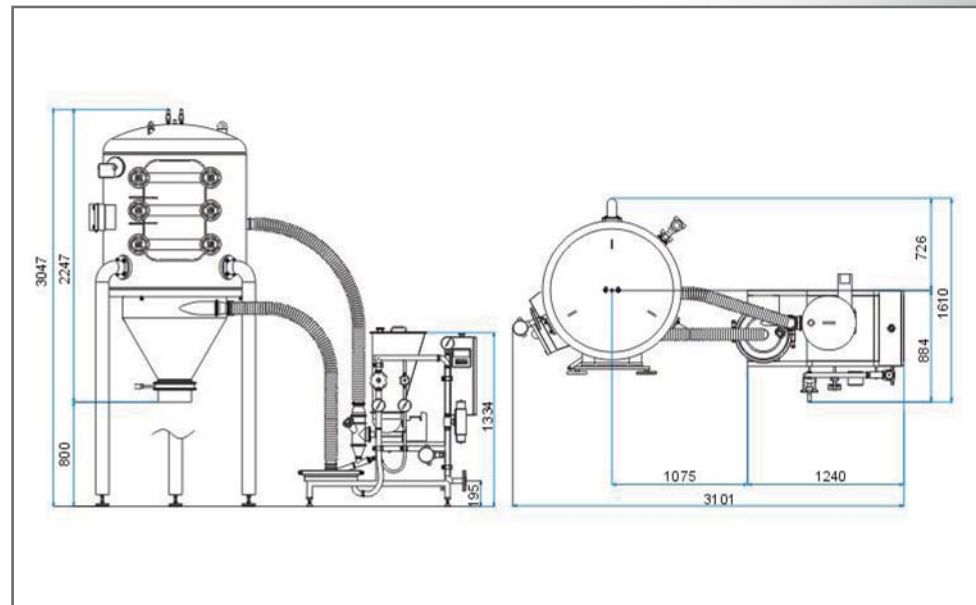
Alternative Version

Simplified version based on the same pharma concept can be customized for other applications:

- Fine chemicals
- Cosmetics
- Food



Dimensions



Technical Data

Nominal diameter	Estimated capacity	Batch size	Process gas @ 7 bar	Process gas @ 12 bar	Installed power
300 mm (12 inches)	From 5.0 to 200 kg/hr	5 kg to 2000 kg	3.89 Nm ³ /min (137.37 CFM)	6.67 Nm ³ /min (235.55 CFM)	1.2 kW (1.6 HP)